

## Rabbit GRK1 Polyclonal Antibody | anti-GRK1 antibody

GRK1 (Phospho-Ser21) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316366 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

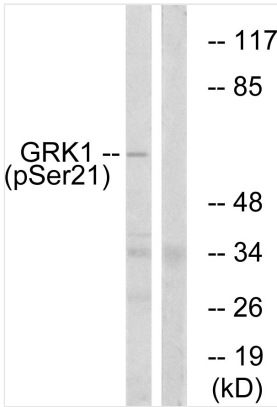
### PRODUCT SYNONYMS

GRK1; Polyclonal Antibody; GRK1 (Phospho-Ser21) Antibody; anti-GRK1 antibody

### PRODUCT SPECIFICATIONS

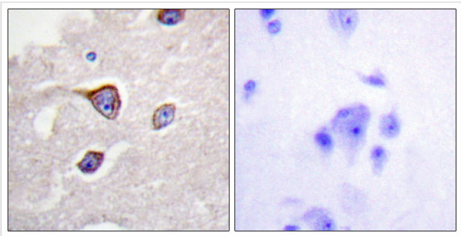
|                                                |                                                                                                                                                                                                  |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                       |
| Specificity                                    | GRK1 (Phospho-Ser21) Antibody detects endogenous levels of GRK1 only when phosphorylated at Ser21.                                                                                               |
| Purity/Purification                            | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                    | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                | 563                                                                                                                                                                                              |
| Applicable Applications for anti-GRK1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                            | Phospho                                                                                                                                                                                          |
| Modification Sites                             | H:S21; M:S21; R:S21                                                                                                                                                                              |
| Immunogen                                      | The antiserum was produced against synthesized peptide derived from human GRK1 around the phosphorylation site of Ser21.                                                                         |
| Immunogen Range                                | Jun-55                                                                                                                                                                                           |
| Preparation and Storage                        | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



WB (Western Blot)

Western blot analysis of lysates from COS7 cells treated with TNF 20ng/ml 5', using GRK1 (Phospho-Ser21) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using GRK1 (Phospho-Ser21) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 4506529                             |
| NCBI GeneID                      | 6011                                |
| NCBI Accession #                 | NP_002920.1                         |
| NCBI GenBank Nucleotide #        | NM_002929.2                         |
| UniProt Accession #              | Q15835; Q53X14                      |
| Molecular Weight                 | 63 kDa                              |
| NCBI Official Full Name          | rhodopsin kinase                    |
| NCBI Official Synonym Full Names | G protein-coupled receptor kinase 1 |
| NCBI Official Symbol             | GRK1                                |
| NCBI Official Synonym Symbols    | RK; RHOK; GPRK1                     |
| NCBI Protein Information         | rhodopsin kinase                    |
| UniProt Protein Name             | Rhodopsin kinase                    |
| UniProt Gene Name                | GRK1                                |
| UniProt Synonym Gene Names       | RK                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grk1-antibody-immunohistochemistry-western-blot-elisa/316366>